

GENERAL NOTES

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS. FOR CODED PAY ITEM DESCRIPTIONS, INCIDENTAL ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND ADJUST HIS/HER OPERATIONS, IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES, AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE THEIR EXACT LOCATION, SIZE, AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT), THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING ROADWAY FEATURES (SUCH AS CULVERTS, HEADWALLS, RIPRAP, CURB, PAVEMENT, FENCING, ETC.) LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS.

THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION, AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, AND DELINEATORS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED, OR OTHERWISE, REFERENCED THEIR LOCATION.

ALL CLEANING OF LOGS, SHRUBS, BUSHES, SAPLINGS, GRASS, WEEDS, OR OTHER VEGETATION HAVING A STUMP DIAMETER OF 6 INCHES OR LESS WILL NOT BE MEASURED FOR PAYMENT.

THE SAW CUTTING OF EXISTING PAVEMENT, NECESSARY FOR ITS REMOVAL, SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAW CUT IS BEING MADE. THE REMOVAL OF ALL EXISTING CONCRETE AND/OR BITUMINOUS ENTRANCE PAVEMENT HAS BEEN INCLUDED IN THE DRIVEWAY PAVEMENT REMOVAL QUANTITY. THE REMOVAL OF ALL EXISTING AGGREGATE AND/OR OIL & CHIP ENTRANCE PAVEMENT SHALL BE INCLUDED IN THE EARTH EXCAVATION QUANTITY AND SHALL NOT BE MEASURED, NOR PAID FOR, AS A SEPARATE REMOVAL ITEM. ALL ROADWAY PAVEMENT REMOVAL HAS BEEN INCLUDED IN THE BITUMINOUS SURFACE REMOVAL - BUTT JOINT QUANTITY. REMOVAL OF ANY EXISTING PIPE UNDERDRAINS SHALL BE CONSIDERED INCLUDED IN THE EARTH EXCAVATION QUANTITY.

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE LOCATED AS SHOWN ON THE PLANS. ALL MAINTENANCE OF EROSION CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE EARTH EXCAVATION QUANTITY.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS (OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED), THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER, SHALL BE SODDED. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PAY ITEM "SODDING" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED:

- 5.0 LBS. TEMPORARY EROSION CONTROL SEEDING
- 2.4 LBS. NITROGEN FERTILIZER NUTRIENT
- 2.4 LBS. PHOSPHORUS FERTILIZER NUTRIENT
- 2.4 LBS. POTASSIUM FERTILIZER NUTRIENT

ALL MATERIALS, SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL (THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE), SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL, BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER EXPENSE.

ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED (WHICH THE ENGINEER DEEMS FIT FOR RE-USE) SHALL BE SALVAGED IN ACCORDANCE WITH ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. REMOVAL OF ANY EXISTING CULVERT FLARED END SECTIONS SHALL BE CONSIDERED INCLUDED IN THE PIPE CULVERT BEING REMOVED.

ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY, AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON NORTH MARKET STREET. IF THE CONTRACTOR CHOOSES TO DEVIATE FROM THESE RESTRICTIONS, THE CONTRACTOR MUST CONTACT THE CITY OF WATERLOO AND ACQUIRE APPROVAL.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF WATERLOO AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	N. MARKET STREET QUANTITY	
20200100	EARTH EXCAVATION	CU YD	197	197	--
20800150	TRENCH BACKFILL	CU YD	4.6	4.6	--
25200100	SODDING	SQ YD	215	215	--
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5	5	--
28000500	INLET AND PIPE PROTECTION	EACH	3	3	--
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	471	471	--
42000101	PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED)	SQ YD	341	341	--
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	6	6	--
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	326	326	--
44004250	PAVED SHOULDER REMOVAL	SQ YD	39	39	--
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	43	43	--
55000050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	20	20	--
55100500	STORM SEWER REMOVAL 12"	FOOT	4	4	--
60235100	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	2	--
60240200	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	1	--
60500060	REMOVING INLETS	EACH	1	1	--
60600500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	293	293	--
67100100	MOBILIZATION	L SUM	1	1	--
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701.326	L SUM	1	1	--
70102835	TRAFFIC CONTROL AND PROTECTION, STANDARD 701.701	L SUM	1	1	--
72000100	SIGN PANEL - TYPE 1	SQ FT	4.0	4.0	--
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	14	14	--
78001100*	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	46.8	46.8	--
78001110*	PAINT PAVEMENT MARKING - LINE 4"	FOOT	198	198	--
78001140*	PAINT PAVEMENT MARKING - LINE 8"	FOOT	70	70	--
78001150*	PAINT PAVEMENT MARKING - LINE 12"	FOOT	36	36	--
78300100	PAVEMENT MARKING REMOVAL	SQ FT	13.0	13.0	--
80300100*	LOCATING UNDERGROUND CABLE	FOOT	100	100	--
81012300*	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	74	74	--
81012500*	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	161	161	--
81012600*	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	96	96	--
81012800*	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	24	24	--
81018500*	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	32	32	--
81018700*	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	124	124	--
81400700*	HANDHOLE PORTLAND CEMENT CONCRETE	EACH	2	2	--
81900200*	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	309	309	--
87301305*	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	866	866	--
87900200*	DRILL EXISTING HANDHOLE	EACH	2	2	--
88500100*	INDUCTIVE LOOP DETECTOR	EACH	1	1	--
88600100*	DETECTOR LOOP, TYPE 1	FOOT	589	589	--
88502200*	MODIFY EXISTING CONTROLLER	EACH	1	1	--
88502300*	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	614	614	--
88502350*	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2,013	2,013	--
88502380*	REMOVE EXISTING HANDHOLE	EACH	2	2	--

* DENOTES SPECIALTY ITEM

MIXTURE REQUIREMENTS -- HOT-MIX ASPHALT

MIXTURE USE	SHOULDERS
AC/PG	PG 58-22
RAP % (MAX)	30%
DESIGN AIR VOIDS	2.0% @ N _{des} =30
MIX COMPOSITION (GRADATION MIXTURE)	
FRICITION AGG	BIT. AGG. MIX.

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ENGINEERS • SURVEYORS • PLANNERS



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SEAL

Signature: _____
Signature Date: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architecture, engineering or survey project.

GENERAL NOTES AND SUMMARY OF QUANTITIES

PROJECT: NORTH MARKET STREET WIDENING AT ILLINOIS ROUTE 3 CITY OF WATERLOO MONROE COUNTY, ILLINOIS

TITLE: _____

CREATED ON: 9/14/2006

REV	DATE	DESCRIPTION
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▲		
▲		

DRAWN BY: ALH SHEET
DESIGNED BY: SJK 2
CHECKED BY:
APPROVED BY:
PROJECT NUMBER: T12060025 OF 12 SHEETS
☐ ISSUED FOR REVIEW ☐ RECORD DRAWING